

IN THE SPECIFICATION:

Please substitute the following paragraph for the paragraph starting at page 13, line 16 and ending at page 14, line 5.

a1 In each of the following embodiments, the case will be described where the display apparatus 1 is used to project images of two or three information processing apparatuses. For projecting images of three information processing apparatuses onto the display apparatus 1, the RGB output signals of the three information processing apparatuses are inputted in the RGB signal interfaces 13 to 15 of the display apparatus, respectively. Now, assume that the information processing apparatus that is connected to the RGB signal interface 13 is the information processing apparatus [[1]] A, the information processing apparatus that is connected to the RGB signal interface 14 is the information processing apparatus [[2]] B, the information processing apparatus that is connected to the RGB signal interface 15 is the information processing apparatus [[3]] C.

Please substitute the following paragraph for the paragraph starting at page 14, line 6 and ending at line 11.

Q2 In the initial condition, the display apparatus 1 has the image of the information processing apparatus [[1]] A projected thereonto, and transfers the input signal of coordinate information, etc. from the input interface 12 to the information processing apparatus [[1]] A via the serial interface 7.

Please substitute the following paragraph for the paragraph starting at page 14, line 12 and ending at line 25.

a3

When the input of the RGB signal that is displayed is changed from the input of the RGB signal from the information processing apparatus [[1]] A to the input of the RGB signal from the information processing apparatus [[2]] B by the manipulation panel 16 or the remote control 6, the CPU 3 changes the input of the RGB signal that is displayed from what is inputted from the RGB signal interface 13 to what is inputted from the RGB signal interface 14, and changes the output end for the input signal of coordinate information, etc. from the input interface 12, from the serial interface 7 to the serial interface 8, to transfer the same to the information processing apparatus 2 via the serial interface 8, in accordance with the program stored in the ROM 4.

Please substitute the following paragraph for the paragraph starting at page 14, line 26 and ending at page 15, line 12.

a4

When the input of the RGB signal that is displayed is changed from the input of the RGB signal from the information processing apparatus [[2]] B to the input of the RGB signal from the information processing apparatus [[3]] C by the manipulation panel 16 or the remote control 6, the CPU 3 changes the input of the RGB signal that is displayed from what is inputted from the RGB signal interface 14 to what is inputted from the RGB signal interface 15, and changes the output end for the input signal of coordinate information, etc. from the input interface 12, from the serial interface 8 to the serial interface 9, to transfer the same to the information processing apparatus [[3]] C via the serial interface 9, in accordance with the program stored in the ROM 4.

Please substitute the following paragraph for the paragraph starting at page 15, line 13 and ending at page 16, line 1.

a5 In the case where the input of the RGB signal is changed from the information processing apparatus [[1]] A to the information processing apparatus [[3]] C, from the information processing apparatus [[2]] B to the information processing apparatus [[1]] A, and from the information processing apparatus [[3]] C to the information processing apparatus [[1]] A by the manipulation panel 16 or the remote control 6, similarly, the CPU 3 changes the input source for the input of the RGB signal and changes the serial interface being the output end for the input signal of coordinate information, etc. from the input interface 12 to transfer the same to each information processing apparatus via the serial interface for which the input signal of coordinate information, etc. is defined, in accordance with the program stored in the ROM 4.

Please substitute the following paragraph for the paragraph starting at page 16, line 12 and ending at line 26.

a6 In Embodiment 1, the situation is shown in which a display region being a sub screen is provided in the display region of the display apparatus 1 on which the image of the information processing apparatus [[1]] A is projected, and the image of the information processing apparatus [[2]] B is projected onto the sub display region. The configuration in which the image of the information processing apparatus [[2]] B is projected onto the sub display region is not particularly limited. Also, the positions of the display regions of the information processing apparatuses [[1]] A and [[2]] B are not particularly limited but, for example, each of the screens of the information processing apparatuses [[1]] A and [[2]] B may be displayed in the form of multi-window using a general-purpose window system such as X Window

Please substitute the following paragraph for the paragraph starting at page 17,
line 9 and ending at line 24.

07 First, at step S1, initializing processing for the coordinate input device is performed. This initializing processing is carried out when the power is turned on, the reset button is pushed, and so on. At step S2, whether or not the coordinate of the coordinate input device exists in the display region of the information processing apparatus [[2]] B is determined. If the coordinate of the coordinate input device does not exist in the display region of the information processing apparatus [[2]] B, namely if it exists in the display region of the information processing apparatus [[1]] A (if the result of the step S2 is NO), the process proceeds to step S3, where the input signal of coordinate information, etc. is sent to the serial interface 7 connected to the information processing apparatus [[1]] A, and the process returns to step S2.

Please substitute the following paragraph for the paragraph starting at page 17,
line 25 and ending at page 17, line 9.

08 On the other hand, if the coordinate of the coordinate input device exists in the display region of the information processing apparatus [[2]] B (if the result of the step S2 is YES), the process proceeds to step S4, where the input signal of coordinate information, etc. is sent to the serial interface 8 connected to the information processing apparatus [[2]] B, and the process returns to step S2. In this case, the coordinate is converted into an absolute coordinate of the display region of the information processing apparatus [[2]] B by CPU 3, and the absolute signal is sent to the information processing apparatus [[2]] B.

Please substitute the following paragraph for the paragraph starting at page 18,
line 10 and ending at line 18.

Q-9 Furthermore, the reason why at step S2, whether or not the coordinate of the coordinate input device exists in the display region of the information processing apparatus [[2]] B is determined before whether or not the coordinate exists in the display region of the information processing apparatus [[1]] A is determined is that the display region of the information processing apparatus [[2]] B has no portion covered with the display region of the information processing apparatus [[1]] A.

Please substitute the following paragraph for the paragraph starting at page 18,
line 19 and ending at page 19, line 7.

Q-10 As described above, according to Embodiment 1, based on a indicated coordinate by the coordinate input device, the information processing apparatus to which the input signal obtained from the indicated signal is outputted is selected, at the time of displaying the image of the information processing apparatus [[2]] B as the sub display region of the display region of the information processing apparatus [[1]] A. Then, the input signal of coordinate information, etc. of the coordinate input device can be sent to this selected information processing apparatus. Thereby, a plurality of information processing apparatuses can be connected to one display apparatus 1 having a coordinate input device to use the coordinate input device as the coordinate input device of each information processing apparatus.

Please substitute the following paragraph for the paragraph starting at page 19,
line 20 and ending at page 20, line 8.

A-11

In Embodiment 2, the situation is shown in which two sub display regions are provided in the display region of the display apparatus 1 on which the image of the information processing apparatus [[1]] A is projected, and the images of the information processing apparatuses [[2]] B and [[3]] C are projected onto the respective sub display regions. The configuration in which the images of the information processing apparatuses [[2]] B and [[3]] C are projected onto the sub display regions is not particularly limited. Also, the positions of the display regions of the information processing apparatuses [[1]] A to [[3]] C are not particularly limited but, for example, each of the screens of the information processing apparatuses [[1]] A to [[3]] C may be displayed in the form of multi-window using a general-purpose window system such as X Window.

Please substitute the following paragraph for the paragraph starting at page 20, line 18 and ending at page 21, line 6.

A-12

First, at step S11, initializing processing for the coordinate input device is performed. At step S12, whether or not the coordinate of the coordinate input device exists in the display region of the information processing apparatus [[2]] B is determined. If the coordinate of the coordinate input device exists in the display region of the information processing apparatus [[2]] B (if the result of the step S12 is YES), the process proceeds to step S13, where the input signal of coordinate information, etc. is sent to the serial interface 8 connected to the information processing apparatus [[2]] B, and the process returns to step S12. In this case, the coordinate is converted into an absolute coordinate of the display region of the information processing apparatus [[2]] B, and the absolute coordinate is sent to the information processing apparatus [[2]] B.

Please substitute the following paragraph for the paragraph starting at page 21,
line 7 and ending at line 15.

Furthermore, the reason why at step S12, whether or not the coordinate of the
coordinate input device exists in the display region of the information processing apparatus [[2]]

a-13 B is determined before whether or not the coordinate exists in the display region of the
information processing apparatus [[1]] A is determined is that the display region of the
information processing apparatus [[2]] B has no portion covered with the display region of the
information processing apparatus [[1]] A.

Please substitute the following paragraph for the paragraph starting at page 21,
line 16 and ending at page 22, line 6.

On the other hand, if the coordinate of the coordinate input device does not
exist in the display region of the information processing apparatus [[2]] B (if the result of the step
S12 is NO), the process proceeds to step S14, where whether or not the coordinate of the
coordinate input device exists in the display region of the information processing apparatus [[3]]
a-14 C is determined. If the coordinate of the coordinate input device exists in the display region of
the information processing apparatus [[3]] C (if the result of step S14 is YES), the process
proceeds to step S15, where the input signal of coordinate information, etc. is sent to the serial
interface 9 connected to the information processing apparatus [[3]] C, and the process returns to
step S12. In this case, the coordinate is converted into an absolute coordinate of the display
region of the information processing apparatus [[3]] C, the absolute coordinate is sent to the
information processing apparatus [[3]] C.

Please substitute the following paragraph for the paragraph starting at page 22,
line 7 and ending at line 15.

Q-15
Furthermore, the reason why at step S14, whether or not the coordinate of the coordinate input device exists in the display region of the information processing apparatus [[3]] C is determined before whether or not the coordinate exists in the display region of the information processing apparatus [[1]] A is determined is that the display region of the information processing apparatus [[3]] C has no portion covered with the display region of the information processing apparatus [[1]] A.

Please substitute the following paragraph for the paragraph starting at page 22,
line 16 and ending at line 23.

Q-16
On the other hand, if the coordinate of the coordinate input device does not exist in the display region of the information processing apparatus [[3]] C (if the result of the step S14 is NO), the process proceeds to step S16, where the input signal of coordinate information, etc. is sent to the serial interface 7 connected to the information processing apparatus [[1]] A, and the process returns to step S12.

Please substitute the following paragraph for the paragraph starting at page 22,
line 24 and ending at page 23, line 12.

Q-17
cont
As described above, according to Embodiment 2, based on a indicated coordinate by the coordinate input device, the information processing apparatus to which the input signal obtained from the indicated coordinate is outputted is selected, at the time of displaying the images of the information processing apparatuses [[2]] B and [[3]] C as the sub

display region of the display region of the information processing apparatus 1. Then, the input signal of coordinate information, etc. of the coordinate input device can be sent to this selected information processing apparatus. Thereby, a plurality of information processing apparatuses can be connected to one display apparatus 1 having a coordinate input device to use the coordinate input device as the coordinate input device of each information processing apparatus.

*A-17
C added*

Please substitute the following paragraph for the paragraph starting at page 23, line 25 and ending at page 24, line 16.

A-18

In Embodiment 3, the situation is shown in which two sub display regions are provided in the display region of the display apparatus 1 on which the image of the information processing apparatus 1 is projected, and the images of the information processing apparatuses [[2]] B and [[3]] C are projected onto the respective sub display regions. In this case, part of the display region of the information processing apparatus [[3]] C is hidden by the display region of the information processing apparatus [[2]] B. The configuration in which the images of the information processing apparatuses [[2]] B and [[3]] C are projected onto the sub display regions is not particularly limited. Also, the positions of the display regions of the information processing apparatuses [[1]] A to [[3]] C are not particularly limited but, for example, each of the screens of the information processing apparatuses [[1]] A to [[3]] C may be displayed in the form of multi-window using a general-purpose window system such as X Window.

Please substitute the following paragraph for the paragraph starting at page 24, line 26 and ending at page 25, line 14.

Q-19 First, at step S21, initializing processing for the coordinate input device is performed. At step S22, whether or not the coordinate of the coordinate input device exists in the display region of the information processing apparatus [[2]] B is determined. If the coordinate of the coordinate input device exists in the display region of the information processing apparatus [[2]] B (if the result of the step S22 is YES), the process proceeds to step S23, where the input signal of coordinate information, etc. is sent to the serial interface 8 connected to the information processing apparatus [[2]] B, and the process returns to step S22. In this case, the coordinate is converted into an absolute coordinate of the display region of the information processing apparatus [[2]] B, and the absolute coordinate is sent to the information processing apparatus [[2]] B.

Please substitute the following paragraph for the paragraph starting at page 25, line 15 and ending at line 24.

Q-20 Furthermore, the reason why at step S22, whether or not the coordinate of the coordinate input device exists in the display region of the information processing apparatus [[2]] B is determined before whether or not the coordinate exists in the display regions of the information processing apparatuses [[1]] A and [[3]] C is determined is that the display region of the information processing apparatus [[2]] B has no portion covered with the display regions of the information processing apparatuses [[1]] A and [[3]] C.

Please substitute the following paragraph for the paragraph starting at page 25, line 25 and ending at page 26, line 15.

Q-21 On the other hand, if the coordinate of the coordinate input device does not exist in the display region of the information processing apparatus [[2]] B (if the result of the step S22 is NO), the process proceeds to step S24, where whether or not the coordinate of the coordinate input device exists in the display region of the information processing apparatus [[3]] C is determined. If the coordinate of the coordinate input device exists in the display region of the information processing apparatus [[3]] C (if the result of step S24 is YES), the process proceeds to step S25, where the input signal of coordinate information, etc. is sent to the serial interface 9 connected to the information processing apparatus [[3]] C, and the process returns to step S22. In this case, the coordinate is converted into an absolute coordinate of the display region of the information processing apparatus [[3]] C, the absolute coordinate is sent to the information processing apparatus [[3]] C.

Please substitute the following paragraph for the paragraph starting at page 26, line 16 and ending at line 24.

Q-22 Furthermore, the reason why at step S24, whether or not the coordinate of the coordinate input device exists in the display region of the information processing apparatus [[3]] C is determined before whether or not the coordinate exists in the display region of the information processing apparatus [[1]] A is determined is that the display region of the information processing apparatus [[3]] C has no portion covered with the display region of the information processing apparatus [[1]] A.

Please substitute the following paragraph for the paragraph starting at page 26, line 25 and ending at page 27, line 5.

Q-23 On the other hand, if the coordinate of the coordinate input device does not exist in the display region of the information processing apparatus [[3]] C (if the result of the step S24 is NO), the process proceeds to step S26, where the input signal of coordinate information, etc. is sent to the serial interface 7 connected to the information processing apparatus [[1]] A, and the process returns to step S22.

Please substitute the following paragraph for the paragraph starting at page 27, line 6 and ending at line 21.

Q-24 As described above, according to Embodiment 3, based on [[a]] an indicated coordinate by the coordinate input device, the information processing apparatus to which the input signal obtained from the indicated signal is outputted is selected, at the time of displaying the images of the information processing apparatuses [[2]] B and [[3]] C as the sub display region of the display region of the information processing apparatus [[1]] A. Then, the input signal of coordinate information, etc. of the coordinate input device can be sent to this selected information processing apparatus. Thereby, a plurality of information processing apparatuses can be connected to one display apparatus 1 having a coordinate input device to use the coordinate input device as the coordinate input device of each information processing apparatus.

Please substitute the following paragraph for the paragraph starting at page 28, line 7 and ending at line 25.

Q-25 cont In Embodiment 4, the situation is shown in which two sub regions are provided in the display region of the display apparatus 1 on which the image of the information processing apparatus [[1]] A is projected, and the images of the information processing apparatuses [[2]] B

A-25
Cmdd

and [[3]] C are projected onto the respective sub display regions. In this case, the display region of the information processing apparatus [[3]] C is displayed inside the display region of the information processing apparatus [[2]] C. The configuration in which the images of the information processing apparatuses [[2]] B and [[3]] C are projected onto the sub display regions is not particularly limited. Also, the positions of the display regions of the information processing apparatuses [[1]] A to [[3]] C are not particularly limited but, for example, each of the screens of the information processing apparatuses [[1]] A to [[3]] C may be displayed in the form of multi-window using a general-purpose window system such as X Window.

Please substitute the following paragraph for the paragraph starting at page 29, line 8 and ending at line 23.

A-26

First, at step S31, initializing processing for the coordinate input device is performed. At step S32, whether or not the coordinate of the coordinate input device exists in the display region of the information processing apparatus [[3]] C is determined. If the coordinate of the coordinate input device exists in the display region of the information processing apparatus [[3]] C (if the result of the step S32 is YES), the process proceeds to step S33, where the input signal of coordinate information, etc. is sent to the serial interface 9 connected to the information processing apparatus [[3]] C, and the process returns to step S32. In this case, the coordinate is converted into an absolute coordinate of the display region of the information processing apparatus [[3]] C, and the absolute coordinate is sent to the information processing apparatus [[3]] C.

Please substitute the following paragraph for the paragraph starting at page 29,
line 24 and ending at page 30, line 6.

Q-27 Furthermore, the reason why at step S32, whether or not the coordinate of the coordinate input device exists in the display region of the information processing apparatus [[3]] C is determined before whether or not the coordinate exists in the display regions of the information processing apparatuses [[1]] A and [[2]] B is determined is that the display region of the information processing apparatus [[3]] C has no portion covered with the display regions of the information processing apparatuses [[1]] A and [[2]] C.

Please substitute the following paragraph for the paragraph starting at page 30,
line 7 and ending at line 24.

Q-28 On the other hand, if the coordinate of the coordinate input device does not exist in the display region of the information processing apparatus [[3]] C (if the result of the step S32 is NO), the process proceeds to step S34, where whether or not the coordinate of the coordinate input device exists in the display region of the information processing apparatus [[2]] B is determined. If the coordinate of the coordinate input device exists in the display region of the information processing apparatus [[2]] B (if the result of step S34 is YES), the process proceeds to step S35, where the input signal of coordinate information, etc. is sent to the serial interface 8 connected to the information processing apparatus [[2]] B, and the process returns to step S32. In this case, the coordinate is converted into an absolute coordinate of the display region of the information processing apparatus [[2]] B, the absolute coordinate is sent to the information processing apparatus [[2]] B.

Please substitute the following paragraph for the paragraph starting at page 30,
line 25 and ending at page 31, line 6.

Q-29 Furthermore, the reason why at step S34, whether or not the coordinate of the coordinate input device exists in the display region of the information processing apparatus [[2]] B is determined before whether or not the coordinate exists in the display region of the information processing apparatus 1 is determined is that the display region of the information processing apparatus 2 has no portion covered with the display region of the information processing apparatus [[1]] A.

Please substitute the following paragraph for the paragraph starting at page 31,
line 7 and ending at line 14.

Q-30 On the other hand, if the coordinate of the coordinate input device does not exist in the display region of the information processing apparatus [[2]] B (if the result of the step S34 is NO), the process proceeds to step S36, where the input signal of coordinate information, etc. is sent to the serial interface 7 connected to the information processing apparatus [[1]] A, and the process returns to step S32.

Please substitute the following paragraph for the paragraph starting at page 31,
line 15 and ending at page 32, line 3.

Q-31
cont As described above, according to Embodiment 4, based on [[a]] an indicated coordinate by the coordinate input device, the information processing apparatus to which the input signal obtained from the indicated coordinate is outputted is selected, at the time of displaying the images of the information processing apparatuses [[2]] B and [[3]] C as the sub

A-31
cancel

display region of the display region of the information processing apparatus [[1]] A. Then, the input signal of coordinate information, etc. of the coordinate input device can be sent to this selected information processing apparatus. Thereby, a plurality of information processing apparatuses can be connected to one display apparatus 1 having a coordinate input device to use the coordinate input device as the coordinate input device of each information processing apparatus.

Please substitute the following paragraph for the paragraph starting at page 32, line 16 and ending at line 22.

A-32

In Embodiment 5, the situation is shown in which the screen of the display apparatus 1 is divided into two sections to project the respective images of the information processing apparatuses [[1]] A and [[2]] B side by side. The configuration in which the images of two information processing apparatuses are projected side by side is not particularly limited.

Please substitute the following paragraph for the paragraph starting at page 33, line 5 and ending at line 21.

A-33
cont

First, at step S41, initializing processing for the coordinate input device is performed. At step S42, whether or not the coordinate of the coordinate input device exists in the display region of the information processing apparatus [[2]] B is determined. If the coordinate of the coordinate input device does not exist in the display region of the information processing apparatus [[2]] B (if the result of the step S42 is NO), the process proceeds to step S43, where the input signal of coordinate information, etc. is sent to the serial interface 7 connected to the information processing apparatus [[1]] A, and the process returns to step S42.

A-33
cmd

In this case, the coordinate is converted into an absolute coordinate of the display region of the information processing apparatus [[1]] A, and the absolute coordinate is sent to the information processing apparatus [[1]] A.

Please substitute the following paragraph for the paragraph starting at page 33, line 22 and ending at page 34, line 6.

A-34

On the other hand, if the coordinate of the coordinate input device exists in the display region of the information processing apparatus 2 (if the result of the step S42 is YES), the process proceeds to step S44, where the input signal of coordinate information, etc. is sent to the serial interface 8 connected to the information processing apparatus [[2]] B, and the process returns to step S42. In this case, the coordinate is converted into an absolute coordinate of the display region of the information processing apparatus [[2]] B, the absolute coordinate is sent to the information processing apparatus [[2]] B.

Please substitute the following paragraph for the paragraph starting at page 34, line 7 and ending at line 22.

A-35
cmd

As described above, according to Embodiment 5, based on a indicated coordinate by the coordinate input device, the information processing apparatus to which the input signal obtained from the indicated coordinate is outputted is selected, at the time of dividing the screen of the display apparatus 1 into two sections to display the respective display regions of the information processing apparatuses [[1]] A and [[2]] B. Then, the input signal of coordinate information, etc. of the coordinate input device can be sent to this selected information processing apparatus. Thereby, a plurality of information processing apparatuses can

Q-35
cmd be connected to one display apparatus 1 having a coordinate input device to use the coordinate input device as the coordinate input device of each information processing apparatus.

Please ~~substitute~~ the following paragraph for the paragraph starting at page 35, line 8 and ending at line 14.

Q-36 In Embodiment 6, the situation is shown in which the screen of the display apparatus is divided into three sections to project the respective images of the information processing apparatuses [[1]] A to [[3]] C side by side. The configuration in which the images of three information processing apparatuses are projected side by side is not particularly limited.

Please substitute the following paragraph for the paragraph starting at page 35, line 24 and ending at page 36, line 12.

Q-37 First, at step S51, initializing processing for the coordinate input device is performed. At step S52, whether or not the coordinate of the coordinate input device exists in the display region of the information processing apparatus [[3]] C is determined. If the coordinate of the coordinate input device exists in the display region of the information processing apparatus [[3]] C (if the result of the step S52 is YES), the process proceeds to step S53, where the input signal of coordinate information, etc. is sent to the serial interface 9 connected to the information processing apparatus [[3]] C, and the process returns to step S52. In this case, the coordinate is converted into an absolute coordinate of the display region of the information processing apparatus [[3]] C, and the absolute coordinate is sent to the information processing apparatus [[3]] C.

Please substitute the following paragraph for the paragraph starting at page 36,
line 13 and ending at page 37, line 3.

Q-38 On the other hand, if the coordinate of the coordinate input device does not exist in the display region of the information processing apparatus [[3]] C (if the result of step S52 is NO), the process proceeds to step S54, where whether or not the coordinate of the coordinate input device exists in the information processing apparatus [[2]] B is determined. If the coordinate of the coordinate input device exists in the display region of the information processing apparatus [[2]] B (if the result of the step S54 is YES), the process proceeds to step S55, where the input signal of coordinate information, etc. is sent to the serial interface 8 connected to the information processing apparatus [[2]] B, and the process returns to step S52. In this case, the coordinate is converted into an absolute coordinate of the display region of the information processing apparatus [[2]] B, the absolute coordinate is sent to the information processing apparatus [[2]] B.

Please substitute the following paragraph for the paragraph starting at page 37,
line 4 and ending at line 15.

Q-39 On the other hand, if the coordinate of the coordinate input device does not exist in the display region of the information processing apparatus [[2]] B (if the result of step S54 is NO), the process proceeds to step S56, where the input signal of coordinate information, etc. is sent to the serial interface 7 connected to the information processing apparatus 1, and the process returns to step S52. In this case, the coordinate is converted into an absolute coordinate of the display region of the information processing apparatus [[1]] A, the absolute coordinate is sent to the information processing apparatus [[1]] A.

Please substitute the following paragraph for the paragraph starting at page 37,
line 16 and ending at page 38, line 4.

Q-40 As described above, according to Embodiment 6, based on [[a]] an indicated coordinate by the coordinate input device, the information processing apparatus to which the input signal obtained from the indicated coordinate is outputted is selected, at the time of dividing the screen of the display apparatus 1 into three sections to display the respective display regions of the information processing apparatuses [[1]] A to [[3]] C. Then, the input signal of coordinate information, etc. of the coordinate input device can be sent to this selected information processing apparatus. Thereby, a plurality of information processing apparatuses can be connected to one display apparatus 1 having a coordinate input device to use the coordinate input device as the coordinate input device of each information processing apparatus.